IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Canceled).

Claim 2 (Original): A color wheel fabrication method, in which a color wheel including a disk-shaped substrate made of a light-transmittable medium and a plurality of filters arranged on the substrate is fabricated, each filter being capable of selectively transmitting rays of light having a desired wavelength, the method comprising the steps of:

(1) applying a photoresist onto an entire area at a front side of the disk-shaped substrate;

(2) masking areas except a first predetermined area of the substrate covered with the photoresist using a photomask to remove the photoresist resting on the first predetermined area by exposure and subsequent development;

(3) forming a first color-transmittable film on an entire area at the front side of the substrate resulting from step (2);

(4) performing a lift-off process to remove the first color-transmittable film resting on the photoresist, thereby shaping the first color-transmittable film to cover the first predetermined area;

(5) applying a photoresist onto an entire area at the front side of the substrate resulting from step (4);

(6) masking part of the first color-transmittable film and a third predetermined area of the substrate covered with the photoresist using a photomask from a back side of the substrate to remove the photoresist resting on a second predetermined area by exposure from the back side of the substrate and subsequent development;

(7) forming a second color-transmittable film on an entire area at the front side of the substrate resulting from step (6);

(8) performing a lift-off process to remove the second color-transmittable film resting on the photoresist, thereby shaping the second color-transmittable film to cover the second predetermined area;

(9) applying a photoresist onto an entire area at the front side of the substrate resulting from step (8);

(10) performing exposure of an entire area of the substrate from the back side of the substrate and subsequent development to remove the photoresist resting on the third predetermined area;

(11) forming a third color-transmittable film on an entire area at the front side of the substrate resulting from step (10); and

(12) performing a lift-off process to remove the third color-transmittable film resting on the photoresist, thereby shaping the third color-transmittable film to cover the third predetermined area.

Claim 3 (Original): A color wheel fabrication method according to claim 2, wherein the photomask used in step (6) masks an area corresponding to a sector of which a central angle θ formed between two radii is:

$360 \text{ degrees} / 3n < \theta < 2 \times 360 \text{ degrees} / 3n$

where the number of cycles of the color-transmittable films provided cyclically in a single unit of the color wheel is n (n=natural number); and the central angle of each sector of the color-transmittable films is $360 \text{ degrees} / 3n$.

Claim 4 (Original): A color wheel fabrication method according to claim 2, wherein the step (10) includes the substep of masking part of the third predetermined area using a photomask from the back side of the substrate before performing the exposure of the entire area of the substrate from the back side of the substrate.

Claim 5 (Original): A color wheel fabrication method according to claim 2, wherein the third color-transmittable film formed in step (11) is a blue color-transmittable film.

Claim 6 (Canceled).